



## City of Ketchum

October 21, 2019

Mayor Bradshaw and City Councilors  
City of Ketchum  
Ketchum, Idaho

Mayor Bradshaw and City Councilors:

### **Recommendation To Approve Purchase Order 20400 Banyan Technologies – upgrades to water wells electronics and monitoring system**

#### Recommendation and Summary

Staff is recommending the council approve a purchase order with Banyan Technologies for \$23,790.00 and adopt the following motion:

**“I move to approve a purchase order #20400 with Banyan Technologies in the amount of \$23,790.00 for upgrades to our water wells electronics and monitoring system.”**

- **Current components are obsolete and no longer supported by the manufacturer.**
- **This is part of an ongoing maintenance process.**

#### Introduction and History

The PLC component is the chief operation module in the SCADA (control and monitoring) systems. These components have outlived their useful operational life and are no longer supported by the manufacturer.

#### Analysis

The components that are being replaced have been in service since 1997.

#### Financial Impact

Funding for this purchase order is identified in the capital improvement section of our budget and will come from the Water Fund.

#### Attachments:

Purchase Order #20400  
Invoice from Banyan Technologies



City of Ketchum  
City Hall

## Purchase Order

Number: 20400  
Date: 10/7/19

Vendor: Banyon Technologies  
Box 5083  
Twin Falls, ID 83303-5083

Quantity	Item # / SKU	Description	Item Cost	Total Cost
1	PLC Parts	Big Wood Well and Booster Allen Bradley PLC Parts for upgrade	9150	9150
1	Consulting	Big Wood Well PLC and HMI Programming. Startup and Testing	11400	11400
1	Labor	Big Wood Well Electrical Installation	2400	2400
1	Consulting	Big Wood Well As-built Drawings	840	840
			<b>Total</b>	<b>23790</b>

The City of Ketchum is a tax-exempt political subdivision of the State of Idaho.

Please confirm this City of Ketchum Purchase Order with Grant Gager, Director Finance & Internal Services, at [ggager@ketchumidaho.org](mailto:ggager@ketchumidaho.org) or (208) 726-3841.

Please Ship Above Listed Items to:

City of Ketchum  
Attn: Pat Cooley  
110 River Ranch Rd  
Box 2315  
Ketchum, ID 83340

Order Submitted By:

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Mayor Neil Bradshaw

Banyan Technologies Inc.

P.O. Box 5083  
Twin Falls, Idaho 83303-5083

# Invoice

Date	Invoice #
9/19/2019	20625

<b>Bill To</b>
Ketchum City Utilities Pat Cooley PO. Box 2315 Ketchum, Idaho 83340

<b>Ship To</b>

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
20400	Net 15		9/19/2019			

Quantity	Item Code	Description	Price Each	Amount
1	PLC Parts	Big Wood Well PLC Upgrade - Allen Bradley 1766-L32AWA, (2) 1762-IF4, (2) 1762-IA8, Misc terminal blocks, fuses, wire	4,260.00	4,260.00
1	Consulting	Big Wood Well PLC Programming	6,200.00	6,200.00
1	Consulting	Big Wood Well HMI Programming	3,200.00	3,200.00
1	Labor	Electrical Installation	2,400.00	2,400.00
1	Consulting	Startup & Testing	2,000.00	2,000.00
1	Consulting	As-built Drawing	840.00	840.00
1	PLC Parts	Big Wood Booster PLC Upgrade - Allen Bradley 1766-L32AWA, (2) 1762-IF4, (1) 1762-OF4,(2) 1762-IA8, Misc terminal blocks, fuses, wire	4,890.00	4,890.00

			<b>Total</b>	\$23,790.00
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